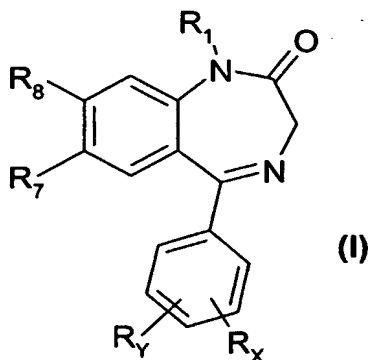


CLAIMS

1. Compounds of general formula (I) :



5

wherein :

. R_1 represents an hydrogen atom, (C_1-C_6) alkyl, aryl, (C_1-C_6) alkylaryl, aryl (C_1-C_6) alkyl group, (C_3-C_6) alkenyl, or (C_3-C_6) alkenylaryl,

. R_7 represents a, substituted or not substituted, aryl or heteroaryl group,

10 when R_7 is a substituted aryl, it is preferably mono or bis substituted by the following groups : a (C_1-C_6) alkyl, (C_3-C_6) cycloalkyl, (C_3-C_6) cycloalkyloxy, (C_1-C_6) alkyloxy, (C_3-C_6) alkenyloxy, aryloxy, acyl, halogen, trifluoromethyl, difluoromethyl, cyano, nitro, hydroxy, carboxamide, amino, (C_1-C_6) aminoalkyl, (C_1-C_6) aminodialkyl, $NCOR_{12}$ where R_{12} is a (C_1-C_6) alkyl, (C_1-C_6) alkylaryl, aryl, or $-CONR_{13}R_{14}$ wherein R_{13} and R_{14} ,
15 independently from each other, are selected from the group consisting of a hydrogen atom, an (C_1-C_6) alkyl group, (C_3-C_6) alkenyl group, an alkylaryl, an alkenylaryl, and an aryl group,

. R_8 represents a hydrogen atom or a OR_{10} group, wherein R_{10} is a hydrogen atom, an (C_1-C_6) alkyl, (C_3-C_6) cycloalkyl, (C_3-C_6) alkenyl, trifluoromethyl, difluoromethyl, an
20 (C_3-C_6) alkenylaryl, aryl, or heterocyclic group, aromatic or not, having 1 to 3 heteroatoms chosen between O, N, S,

when R_{10} is an aryl, it is preferably mono or bis substituted by the following groups : an hydrogen, (C_1-C_6) alkyl, (C_3-C_6) cycloalkyl, (C_3-C_6) cycloalkyloxy, (C_1-C_6) alkyloxy, (C_3-C_6) alkenyloxy, halogen, trifluoromethyl, difluoromethyl, cyano, nitro, hydroxy,
25 carboxamide, amino, (C_1-C_6) aminoalkyl, (C_1-C_6) aminodialkyl, $NCOR_{12}$ where R_{12} is a (C_1-C_6) alkyl, (C_1-C_6) alkylaryl, aryl, and $-CONR_{13}R_{14}$ wherein R_{13} and R_{14} ,

independently from each other, are selected from the group consisting of a hydrogen atom, an (C₁-C₆)alkyl group, (C₃-C₆)alkenyl group, an alkylaryl, an alkenylaryl, and an aryl group,

5 . R_X represents an hydrogen atom, an halogen atom, a methyl, a methoxy, an acetyl, a trifluoromethyl, CN, COH or CONH₂ group,

. R_Y represents an hydrogen, halogen atom, (C₁-C₆)alkyl, (C₃-C₆)cycloalkyl, aryl, arylalkyl, (C₃-C₆)cycloalkyloxy, COH, (C₁-C₆)alkyloxy, alkenyl, (C₃-C₈)alkenyloxy, alkynyl, alkynyloxy, acyl, halogen, trifluoromethyl, difluoromethyl, trifluoromethoxy, difluoromethoxy, cyano, nitro, hydroxy, carboxamide, amino, (C₁-C₆)aminoalkyl, (C₁-
10 C₆)aminodialkyl, NHCOR₁₂ where R₁₂ is a (C₁-C₆)alkyl, (C₁-C₆)alkyloxy, hydroxy, (C₁-C₆)alkylaryl, aryl, or -CONR₁₃R₁₄ wherein R₁₃ and R₁₄, independently from each other, are selected from the group consisting of a hydrogen atom, an (C₁-C₆)alkyl group, an (C₂-C₆)alkenyl group, an alkynyl, an alkylaryl, an alkenylaryl, an alkynylaryl, and an aryl group,

15 with the proviso that when R₈ is an hydrogen atom, then R_X or R_Y is different from hydrogen, or a pharmaceutically acceptable salt thereof.

2. Compounds of formula (I) according to claim 1, wherein R₈ is an hydrogen atom, a
20 alkoxy, preferably methoxy or ethoxy, or aryloxy, preferably phenoxy group.

3. Compounds of formula (I) according to one of the preceding claims, wherein at least one of R_X and R_Y is different from hydrogen.

25 4. Compounds of formula (I) according to one of the preceding claims, wherein R_Y is an hydrogen atom and R_X is different from hydrogen.

5. Compounds of formula (I) according to one of the preceding claims, wherein one of R_X and R_Y, different from hydrogen, is on position 3 of the phenyl group represented in
30 formula (I).

6. Compounds of formula (I) according to one of the preceding claims, wherein R_X, different from hydrogen, is on position 3 of the phenyl group represented in formula (I).

7. Compounds of formula (I) according to one of the preceding claims, wherein R_x represents CONH₂, CN group, COCH₃, preferably on position 3 or 4 of the phenyl group represented in formula (I).

5

8. Compounds of formula (I) according to any one of the preceding claims, wherein R_y represents H, an halogen atom, CF₃, (C₁-C₆)aminoalkyl, (C₁-C₆)aminodialkyl, -NHCOR₁₂, -CONH₂, a (C₁-C₆)alkyloxy group or a (C₁-C₆)alkyl group, preferably hydrogen.

10

9. Compounds of formula (I) according to any one of claims 1 to 8, wherein R₁ represents an hydrogen atom, an alkyl group, preferably methyl, ethyl, or propyl, an alkenyl group, preferably propenyl, or arylalkyl group.

15 10. Compounds of formula (I) according to any one of claims 1 to 9, wherein R₇ is a furan group, said group is preferably a furan-2-yl.

11. Compounds of formula (I) according to any one of claims 1 to 9, wherein R₇ is an unsubstituted aryl group, preferably unsubstituted phenyl group.

20

12. Compounds of formula (I) according to any one of claims 1 to 9, wherein R₇ is a substituted aryl or heteroaryl group, preferably a substituted phenyl group.

13. Compounds of formula (I) according to claim 12, wherein said substituted aryl or
25 heteroaryl group is substituted with one or two, identical or different, substituents selected in the group consisting of halogen, amino, aminoacyl, CONH₂, (C₁-C₆)alkyl, aryloxy, and (C₁-C₆)alkyloxy..

14. Compounds of formula (I) according to claim 13, wherein alkoxy is a methoxy or
30 ethoxy group.

15. Compounds of formula (I) according to claim 13, wherein the substituted phenyl group R₇ is at least substituted by one group on position ortho, which is preferably an alkoxy group.
- 5 16. Compounds of formula (I) according to claim 13, wherein the substituted aryl is a phenyl group selected in the group consisting of 4-methoxy-phenyl, 4-fluoro-phenyl, 2-methoxy-phenyl, 2-chloro-phenyl, 4-chloro-phenyl, 3-chloro-phenyl, 3-methoxy-phenyl, 2,5-dimethoxy-phenyl, 2,6-dimethoxy-phenyl, 4-benzamide, 4-cyanophenyl, 2,4-dimethoxy-phenyl, 4-carboxamide-phenyl, 4-acetyl-phenyl, 2-isopropoxy-phenyl, 2-phenoxymethyl-phenyl, and 3,4-dimethoxy-phenyl groups.
- 10 17. Compounds selected in the group consisting of :
- 3-(8-Methoxy-1-methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzonitrile
- 15 3-[7-(4-Fluoro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[8-Methoxy-7-(2-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[8-Methoxy-7-(4-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 20 3-[7-(2-Chloro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[7-(3-Chloro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 25 3-[7-(4-Chloro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-(7-Furan-2-yl-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzonitrile
- 3-(1-Methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzonitrile
- 30 3-[8-Methoxy-7-(2-methoxy-phenyl)-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-(1-Methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzonitrile

- 3-[7-(2-Methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[7-(3-Methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 5 3-[7-(4-Methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[7-(2,5-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[7-(2,6-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 10 3-[7-(2,4-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 8-Ethoxy-1-ethyl-5,7-diphenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 3-(8-Methoxy-1-methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzamide
- 15 3-[7-(4-Fluoro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[8-Methoxy-7-(2-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 20 3-[8-Methoxy-7-(4-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[7-(2-Chloro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[7-(3-Chloro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 25 3-[7-(4-Chloro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-(7-Furan-2-yl-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzamide
- 30 3-(1-methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzamide
- 3-[7-(2-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide

- 3-[7-(3-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[7-(4-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 5 3-[7-(2,5-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[7-(2,6-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[7-(2,4-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 10 3-(8-Methoxy-7-(4-benzamide)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzamide
- 3-[1-Hexyl-8-methoxy-7-(2-methoxy-phenyl)-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 15 3-[8-Methoxy-7-(2-methoxy-phenyl)-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[8-Methoxy-7-(2-methoxy-phenyl)-2-oxo-1-propyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[8-Methoxy-7-(2-methoxy-phenyl)-2-oxo-1-phenethyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 20 3-[1-Benzyl-8-methoxy-7-(2-methoxy-phenyl)-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 5-(3-Chloro-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(2-Chloro-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 25 5-(4-Chloro-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 3-(8-Methoxy-1-methyl-2-oxo-7-(4-cyanophenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzonitrile.
- 3-[1-Benzyl-8-methoxy-7-(2-methoxy-phenyl)-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 30 3-[8-Methoxy-7-(2-methoxy-phenyl)-2-oxo-1-propyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[8-Methoxy-7-(2-methoxy-phenyl)-2-oxo-1-phenethyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide

- 3-[1-Hexyl-8-methoxy-7-(2-methoxy-phenyl)-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[7-(4-Acetyl-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 5 3-[7-(4-Acetyl-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 5-(4-Methoxy-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(2-Methoxy-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 3-(7-Furan-2-yl-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-
- 10 benzonitrile
- 3-[7-(3,4-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[7-(3,4-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 15 5-(3,5-Dichloro-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(3,4-Dichloro-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(4-Fluoro-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(3-Acetyl-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 1-Methyl-7-phenyl-5-(3-trifluoromethyl-phenyl)-1,3-dihydro-benzo[e][1,4]diazepin-2-
- 20 one
- 1-Methyl-5-(4-methyl-3-nitro-phenyl)-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 1-Methyl-7-phenyl-5-(4-trifluoromethoxy-phenyl)-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 25 5-(3-Bromo-phenyl)-8-methoxy-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 3-[7-(2-Isopropoxy-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 5-(3,4-Dimethoxy-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 30 1-Methyl-5-(3-nitro-phenyl)-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(3-Hex-1-ynyl-phenyl)-8-methoxy-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one

- {3-[3-(8-Methoxy-1-methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-phenyl]-prop-2-ynyl}-carbamic acid tert-butyl ester
- 5-(3-Amino-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5 3-(1-Methyl-2-oxo-8-phenoxy-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzonitrile
- 3-[7-(2-Methoxy-phenyl)-1-methyl-2-oxo-8-phenoxy-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[7-(2-Chloro-phenyl)-1-methyl-2-oxo-8-phenoxy-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 10 3-(1-Methyl-2-oxo-8-phenoxy-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzamide
- 3-[7-(2-Chloro-phenyl)-1-methyl-2-oxo-8-phenoxy-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 15 3-[7-(2-Methoxy-phenyl)-1-methyl-2-oxo-8-phenoxy-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 7-(2,6-Dimethoxy-phenyl)-5-(4-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 8-Methoxy-5-(4-methoxy-phenyl)-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 20 7-(2,6-Dimethoxy-phenyl)-1-methyl-5-(4-methyl-3-nitro-phenyl)-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 3-[7-(2-Isopropoxy-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 5-(3-Methoxy-phenyl)-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 25 5-(3-Bromo-phenyl)-8-methoxy-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 3-[7-(2-Chloro-6-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[7-(5-Chloro-2-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 30 3-[7-(2-Chloro-6-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[7-(5-Chloro-2-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide

- 3-(2-Oxo-7-phenyl-8-trifluoromethoxy-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzonitrile
- 3-(1-Methyl-2-oxo-7-phenyl-8-trifluoromethoxy-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzonitrile
- 5 3-(1-Methyl-2-oxo-7-phenyl-8-trifluoromethoxy-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzamide
- 3-[1-Methyl-2-oxo-7-(2-phenoxy-phenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[7-(2,6-Dimethoxy-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 10 3-[8-Methoxy-1-methyl-2-oxo-7-(2-phenoxy-phenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzonitrile
- 3-[1-Methyl-2-oxo-7-(2-phenoxy-phenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 15 3-[7-(2,6-Dimethoxy-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 3-[8-Methoxy-1-methyl-2-oxo-7-(2-phenoxy-phenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide
- 8-Methoxy-1-methyl-7-phenyl-5-[3-(4-phenyl-butyl)-phenyl]-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 20 8-Methoxy-5-[3-(3-methoxy-prop-1-ynyl)-phenyl]-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- {3-[4-(8-Methoxy-1-methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-phenyl]-prop-2-ynyl}-carbamic acid tert-butyl ester
- 25 8-Methoxy-1-methyl-7-phenyl-5-(4-phenylethynyl-phenyl)-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 8-Methoxy-5-[4-(3-methoxy-prop-1-ynyl)-phenyl]-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(3,4-Dichloro-phenyl)-7-(2,6-dimethoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 30 7-(2,6-Dimethoxy-phenyl)-5-(4-fluoro-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one

- 5-(3,4-Dimethoxy-phenyl)-7-(2,6-dimethoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(2-Bromo-phenyl)-8-methoxy-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 8-Methoxy-5-[3-(3-methoxy-propyl)-phenyl]-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(2-Bromo-phenyl)-8-methoxy-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(4-Hex-1-ynyl-phenyl)-8-methoxy-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 8-Methoxy-5-[4-(3-methoxy-propyl)-phenyl]-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- {3-[4-(8-Methoxy-1-methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-phenyl]-propyl}-carbamic acid tert-butyl ester
- 8-Methoxy-5-(4-methoxy-phenyl)-7-(2-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 7-(2,6-Dimethoxy-phenyl)-8-methoxy-5-(4-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 7-(2,5-Dimethoxy-phenyl)-8-methoxy-5-(4-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 7-(2-Fluoro-6-methoxy-phenyl)-8-methoxy-5-(4-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 8-Methoxy-5-(4-methoxy-phenyl)-1-methyl-7-(2-phenoxy-phenyl)-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(4-Bromo-phenyl)-8-methoxy-1-methyl-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 5-(4-Bromo-phenyl)-8-methoxy-7-phenyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one
- 7-(2,6-Dimethoxy-phenyl)-1-methyl-5-m-tolyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one.
18. Compounds selected in the group consisting of :
- 3-[7-(2,6-dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-[7-(2,5-dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-[8-methoxy-7-(4-methoxy-phenyl)-1-methyl-

2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-[8-methoxy-7-(2-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-[7-(2-chloro-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-(8-methoxy-1-methyl-2-oxo-7-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl)-benzamide, 7-(2,6-Dimethoxy-phenyl)-5-(4-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one, 3-[7-(2-Chloro-6-methoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-[7-(2,6-Dimethoxy-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-[8-Methoxy-1-methyl-2-oxo-7-(2-phenoxy-phenyl)-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 5-(3,4-Dichloro-phenyl)-7-(2,6-dimethoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one, 7-(2,6-Dimethoxy-phenyl)-1-methyl-5-m-tolyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one and 7-(2,6-Dimethoxy-phenyl)-8-methoxy-5-(4-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one.

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19. Compounds selected in the group consisting of :

3-[7-(2,5-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-[7-(2,6-Dimethoxy-phenyl)-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 3-[7-(2,6-Dimethoxy-phenyl)-8-methoxy-1-methyl-2-oxo-2,3-dihydro-1H-benzo[e][1,4]diazepin-5-yl]-benzamide, 7-(2,6-Dimethoxy-phenyl)-5-(4-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one, 7-(2,6-Dimethoxy-phenyl)-5-(4-fluoro-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one, and 7-(2,6-Dimethoxy-phenyl)-8-methoxy-5-(4-methoxy-phenyl)-1-methyl-1,3-dihydro-benzo[e][1,4]diazepin-2-one.

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20. A pharmaceutical composition comprising at least one compound as defined in one of the preceding claims, and a pharmaceutically acceptable vehicle or support.

21. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of diseases associated with abnormal regulation of intracellular cAMP and/or cGMP rate.

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22. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of diseases of the central nervous system, especially connected with an abnormal regulation of neurotransmitter effect or a release deficiency of one of the neurotransmitters.

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23. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of a disease selected in the group consisting of depression, schizophrenia, autism, anxiety, bipolar disorder, attention deficit hyperactivity disorder (ADHD), sleeping disorders, obsessive compulsive disorders (OCD), Post Traumatic Stress Disorder (PTSD) fibromyalgia, Tourette's syndrome, drug or alcohol dependence, epilepsia, Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, multiple sclerosis, obesity, and Lewy body dementia.

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24. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of a disease of the peripheral nervous system or peripheral organs.

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25. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of a disease selected in the group consisting of reduced natriuria pathologies, acute renal or liver failure, liver dysfunction, and pathologies due to or involving prolactin release dysfunction, such as restless leg syndrom, rheumatic, allergic or autoinflammatory disorders, such as rheumatoid arthritis, rhinitis, and asthma.

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26. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of, central or peripheral, acute or chronic diseases.

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27. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of memory deficiency or cognitive disorders.

28. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of neuro-degenerative diseases.
- 5 29. The use of a compound of any one of the claims 1-19 or a pharmaceutical salt thereof for the preparation of a pharmaceutical composition for the treatment of obesity.